

WHAT IS CLAIMED IS:

1. A data processing apparatus capable of data communications with various devices connected to a predetermined communication medium, comprising:

5        acquisition means for sequentially acquiring log information of each function of each device notified from another data processing apparatus, when each device is to be operated in accordance with the function set by the other data processing apparatus;

10        management means for sequentially storing the log information of each function acquired by said acquisition means and managing the stored log information; and

15        notification means, responsive to a request for the log information of each function from the other data processing apparatus, for notifying the corresponding log information of each function stored and managed by said management means.

20        2. A data processing apparatus capable of data communications with various devices connected to a predetermined communication medium, comprising:

25        notification means for notifying log information for identifying a device to be logged in and function processing to be executed by the device to another data processing apparatus having a management server function, when the device is to be operated;

acquisition means for acquiring log information of each function managed by the other data processing apparatus;

5 generation means for generating network management information to be displayed on a display unit by analyzing the log information of each function acquired by the other data processing apparatus; and

control means for displaying the network management information generated by said generation  
10 means on the display unit.

3. An apparatus according to Claim 2, further comprising designating means for designating a display form of the network management information to be  
15 displayed on the display unit, wherein said control means displays the network management information of each function processing on the display unit in the display form designated by said designating means.

20 4. An apparatus according to Claim 2, wherein the network management information includes a network traffic quantity, a bind information ranking, and the number of use frequencies.

25 5. An apparatus according to Claim 2, wherein the log information includes print log information, facsimile communication log information and scanner log

information.

6. An apparatus according to Claim 2, wherein the device includes a printer, a facsimile, a digital  
5 copier, a scanner, a digital camera, and a modem.

7. A data processing method for a data processing apparatus capable of data communications with various devices connected to a predetermined communication  
10 medium, comprising:

an acquirement step of sequentially acquiring log information of each function of each device notified from another data processing apparatus, when each device is to be operated in accordance with the  
15 function set by the other data processing apparatus;

a management step of sequentially storing the log information of each function acquired in said acquirement step and managing the stored log information; and

20 a notification step, responsive to a request for the log information of each function from the other data processing apparatus, of notifying the corresponding log information of each function stored and managed in said management step.

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8. A data processing method for a data processing apparatus capable of data communications with various

devices connected to a predetermined communication medium, comprising:

5 a notification step of notifying log information for identifying a device to be logged in and function processing to be executed by the device to another data processing apparatus having a management server function, when the device is to be operated;

10 an acquirement step of acquiring log information of each function managed by the other data processing apparatus;

a generation step of generating network management information to be displayed on a display unit by analyzing the log information of each function acquired by the other data processing apparatus; and

15 a control step of displaying the network management information generated in said generation step on the display unit.

20 9. A method according to Claim 8, further comprising a designating step of designating a display form of the network management information to be displayed on the display unit, wherein said control step displays the network management information of each function processing on the display unit in the display form designated in said designating step.

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10. A method according to Claim 8, wherein the

network management information includes a network traffic quantity, a bind information ranking, and the number of use frequencies.

5           11. A method according to Claim 8, wherein the log information includes print log information, facsimile communication log information and scanner log information.

10           12. A storage medium storing a computer-readable program for controlling a data processing apparatus capable of data communications with various devices connected to a predetermined communication medium, the program comprising:

15           an acquirement step of sequentially acquiring log information of each function of each device notified from another data processing apparatus, when each device is to be operated in accordance with the function set by the other data processing apparatus;

20           a management step of sequentially storing the log information of each function acquired in said acquirement step and managing the stored log information; and

25           a notification step, responsive to a request for the log information of each function from the other data processing apparatus, of notifying the corresponding log information of each function stored

and managed in said management step.

13. A storage medium storing a computer-readable  
program for controlling a data processing apparatus  
5 capable of data communications with various devices  
connected to a predetermined communication medium, the  
program comprising:

a notification step of notifying log information  
for identifying a device to be logged in and function  
10 processing to be executed by the device to another data  
processing apparatus having a management server  
function, when the device is to be operated;

an acquirement step of acquiring log information  
of each function managed by the other data processing  
15 apparatus;

a generation step of generating network management  
information to be displayed on a display unit by  
analyzing the log information of each function acquired  
by the other data processing apparatus; and

20 a control step of displaying the network  
management information generated in said generation  
step on the display unit.

14. A storage medium according to Claim 13,  
25 wherein the program further comprises a designating  
step of designating a display form of the network  
management information to be displayed on the display

unit, wherein said control step displays the network management information of each function processing on the display unit in the display form designated in said designating step.

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15. A storage medium according to Claim 13, wherein the network management information includes a network traffic quantity, a bind information ranking, and the number of use frequencies.

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16. A storage medium according to Claim 13, wherein the log information includes print log information, facsimile communication log information and scanner log information.

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17. A data processing apparatus capable of acquiring information from various devices connectable to a data communication path, comprising:

20 means for operating a plurality of devices each being capable of executing an independent function, in combination via the data communication path to execute a first function different from the independent function;

25 acquirement means for acquiring management information via the communication path, the management information being output in response to execution of the first function by the plurality of devices in

combination; and

output control means for outputting data in accordance with the management information acquired by said acquirement means.

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18. An apparatus according to Claim 17, wherein said output control means include display control means for outputting data in accordance with the management information acquired by said acquirement means to a display device to display the data on the display device.

19. An apparatus according to Claim 18, wherein said display control means makes the display device display data capable of discriminating the plurality of devices executing the first function in combination, among the various devices connected to the data communication path.

20. An apparatus according to Claim 19, wherein if there are a plurality of candidates for a combination of devices capable of executing the first function and operating in combination on the data communication path, said display control means makes the display device display data capable of discriminating the devices executing the first function in combination, for each candidate for the combination.

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21. An apparatus according to Claim 20, wherein said display control means displays information of the number of use frequencies of each candidate for the combination.

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22. An apparatus according to Claim 21, wherein said display control means displays information on each candidate for the combination in the order matching the information of the number of use frequencies.

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23. An apparatus according to Claim 20, wherein said display control means uses a different display form of the data to be displayed on the display device, in accordance with a user designation.

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24. An apparatus according to Claim 17, wherein said output control means transfers the management information to another remotely installed apparatus via the data communication path, in response to a request from the other apparatus.

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25. A data processing method for a data processing apparatus capable of acquiring information from various devices connectable to a data communication path, comprising:

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a step of operating a plurality of devices each being capable of executing an independent function, in

combination via the data communication path to execute  
a first function different from the independent  
function;

an acquirement step of acquiring management  
5 information via the communication path, the management  
information being output in response to execution of  
the first function by the plurality of devices in  
combination; and

an output control step of outputting data in  
10 accordance with the management information acquired in  
said acquirement step.

26. A storage medium storing a program for  
controlling a data processing apparatus capable of  
15 acquiring information from various devices connectable  
to a data communication path, the program comprising:

a step of operating a plurality of devices each  
being capable of executing an independent function, in  
combination via the data communication path to execute  
20 a first function different from the independent  
function;

an acquirement step of acquiring management  
information via the communication path, the management  
information being output in response to execution of  
25 the first function by the plurality of devices in  
combination; and

an output control step of outputting data in

accordance with the management information acquired in  
said acquirement step.